

Form PTO-1449  
(modified 2/91)U.S. DEPT OF COMMERCE  
Patent and Trademark Office

Attorney Docket Number:

Serial No.:

875031.0005

09/805,610

## INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)

Applicants:

John J. Coogan, Jr., et al.

Filing date:

3/13/01

Group Art Unit:

1625-1651

COPY



## U.S. PATENT DOCUMENTS

Examiner Initial	Patent number	Date	Inventor	Class	Sub class	Filing date if appropriate
SM/A	3,637,342	1/25/72	Veloz			
	3,987,306	10/19/76	Simpson			
	4,101,424	7/18/78	Schooley et al.			
	4,608,255	8/26/86	Kahn et al.			
	4,726,949	2/23/88	Miripol et al.			
	4,837,484	7/6/89	Eliasson et al.			
	4,866,282	9/12/89	Miripol et al.			
	4,952,812	8/28/90	Miripol et al.			
	5,030,200	7/9/91	Judy et al.			
	5,150,705	9/29/92	Stinson			
	5,194,740	3/16/93	Kogelschatz et al.			
	5,232,844	8/3/93	Horowitz et al.			
	5,290,221	3/1/94	Wolf, Jr. et al.			
	5,433,738	7/18/95	Stinson			
SM/A	5,446,289	8/29/95	Shodeen et al.			

## FOREIGN PATENT DOCUMENTS

Document number	Date	Country	Class	Sub class	Translation Yes No

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

J. C. G. Deery, et al., Induction of Aggregation of Human Blood Platelets by Ultraviolet Light: Action Spectrum and Structural Changes, October 1973, Vol. 42, No. 4, pp. 551-555.
D. H. Pamphilon, et al., Applications of Ultraviolet Light in the Preparation of Platelet Concentrates, 1989, Vol. 29, No. 5, pp. 379-383.
G. Andreu, et al., Ultraviolet Irradiation of Platelet Concentrates: Feasibility in Transfusion Practice, Vol. 30, No. 5, 1990, pp. 401-406.
Gerard Olack, et al., Improved High-Performance Liquid Chromatographic Analysis of 8-Methoxypsoralen Monoadducts and Cross-Links in Polynucleotide, DNA, and Cellular Systems: Analysis of Split-Dose Protocols, 1993, Vol. 57, No. 6, pp. 941-949.
Gasparro, et al., Research Note - The Excitation of 8-Methoxypsoralen With Visible Light: Reversed Phase HPLC Quantitation of Monoadducts and Cross-Links, 1993, Vol. 57, No. 6, pp. 1007-1010.
Schmitt, et al., New Trends in Photobiology (Invited Review) - Psoralen-Protein Photochemistry - a Forgotten Field, 1995, pp. 101-107.
Blundell, et al., A Prospective, Randomized Study of the Use of Platelet Concentrates Irradiated With Ultraviolet-B Light in Patients With Hematologic Malignancy, 1996, Vol. 36, No. 4, pp. 296-302.
Chin, et al., Symposium-in-Print - Virucidal Treatment of Blood Protein Products with UVC Radiation, 1997, Vol. 66, No. 3, pp. 432-435.

no copy of references provided.

Examiner:

Date Considered:

11/13/04

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP §609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.

Form PTO-1449 (modified 2/91)	U.S. DEPT. OF COMMERCE Patent and Trademark Office	Attorney Docket Number 875031.0005	Serial No.: 09/805,610
<b>INFORMATION DISCLOSURE CITATION</b> (Use several sheets if necessary)		Applicant:	
		John J. Coogan, Jr., et al.	
		Filing date: 3/13/01	Group Art Unit: 1625 / 651



## U.S. PATENT DOCUMENTS

Examiner Initial	Patent number	Date	Inventor	Class	Sub class	Filing date if appropriate
SMH	5,597,722	1/28/97	Chapman et al.			
	5,626,768	5/6/97	Ressler et al.			
	5,654,443	8/5/97	Wollowitz et al.			
	5,702,432	12/30/97	Chen et al.			
	5,709,991	1/20/98	Lin et al.			
	5,762,867	6/9/98	D'Silva			
	5,789,150	8/4/98	Margolis-Nunno et al.			
	5,798,238	8/25/98	Goodrich, Jr. et al.			
	5,834,784	10/10/98	Morgan et al.			
	5,922,278	7/13/99	Chapman et al.			
	5,951,509	9/14/99	Morris			
SMH	5,955,840	9/21/99	Arnold et al.			

## FOREIGN PATENT DOCUMENTS

Document number	Date	Country	Class	Sub class	Translation Yes No

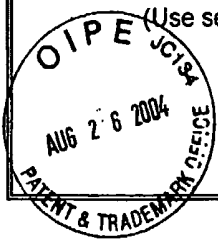
## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

Preuss, et al., Comparison of Two Different Methods for Inactivation of Viruses in Serum, Sept. 1977, Clinical and Diagnostic Laboratory Immunology, Vol. 4, No. 5, pp. 504-508.
The New England Journal of Medicine, Leukocyte Reduction and Ultraviolet B Irradiation of Platelets to Prevent Alloimmunization and Refractoriness to Platelet Transfusions, December 25, 1997, Vol. 337, No. 26, pp. 1861-1869.
Gorash, Inactivation of Viruses, Bacteria, Protozoa, and Leukocytes in Platelet Concentrates: Current Research Perspectives, Copyright © 1999, Transfusion Medicine Reviews, Vol. 13, No. 1, pp. 18-30.
MacDonald, et al., Infrequent Detection of TT Virus Infection in Intravenous Drug Users, Prostitutes, and Homosexual Men, March 1999, The Journal of Infectious Diseases, pp. 686-689.
M.L.U. del Rosario, et al., Prevention of Graft-Versus-Host Disease by Induction of Immune Tolerance With Ultraviolet B-Irradiated Leukocytes in H-2 Disparate Bone Marrow Donor, May 15, 1999, Blood, Vol. 93, No. 10, pp. 3558-3564.
Goodrich, The Use of Riboflavin for the Inactivation of Pathogens in Blood Products, 2000, Vox Sanguinis, Vol. 78, Supp. 2, pp. 211-215.
Prince, et al., Strategies for Evaluation of Enveloped Virus Inactivation in Red Cell Concentrates Using Hypericin, 2000, Photochemistry and Photobiology, Vol. 72, No. 2, pp. 188-195.
Azuma, et al. Comparison of Sensitivity to Ultraviolet B Irradiation Between Human Lymphocytes and Hematopoietic Stem Cells, October 1, 2000, Blood, Vol. 96, No. 7, pp. 2632-2634.

no copy of references provided

Examiner:	Date Considered: 11/13/04
EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP §609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.	

Form PTO-1449 (modified 2/91)	U.S. DEPT OF COMMERCE Patent and Trademark Office	Attorney Docket Number: 875031.0005	Serial No.: 09/805,610
<b>INFORMATION DISCLOSURE CITATION</b> (Use several sheets if necessary)		Applicant:	
		John J. Coogan, Jr., et al.	
		Filing date: 3/13/01	Group Art Unit: 1625- 1651



COPY

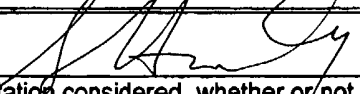
## U.S. PATENT DOCUMENTS

Examiner Initial	Patent number	Date	Inventor	Class	Sub class	Filing date if appropriate
SMH	6,113,566	9/5/2000	Schiecher			
	6,171,549 B1	1/9/2001	Kent			
	6,171,777 B1	1/9/2001	Cook et al.			
	6,190,608 B1	2/20/2001	Laub et al.			
	6,190,609 B1	2/20/2001	Chapman et al.			
SMH	6,194,821 B1	2/27/2001	Nakamura			

## FOREIGN PATENT DOCUMENTS

Document number	Date	Country	Class	Sub class	Translation	
					Yes	No

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)


Examiner: 	Date Considered: 4/13/02
EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP §609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.	